

G. a computer programmed to process signals generated by said first sensor and said second sensor, wherein said computer selectively activates and deactivates said heating element and said at least one water pump, so that the temperature of the water inside said spa tub and said spa piping is maintained above the freezing level.

27. A freeze control system as in Claim 26, wherein said computer comprises computer components, wherein said second sensor is mounted so as to be relatively unaffected by heat generated by said computer components.

28. A freeze control system as in Claim 26, wherein said computer comprises computer components, wherein said second sensor is mounted so as to be affected by heat generated by said computer components.

C' 29. A freeze control system as in Claim 28, wherein said computer programming comprises a correction factor to account for the heat generated by said computer components.

30. A freeze control system as in Claim 26, wherein said computer is programmed to start and run said at least one water pump for a predetermined period of time at intervals based on said ambient air temperature reported by said second sensor.

31. A freeze control system as in Claim 30, wherein said predetermined period of time is one minute.

Sub 32. A freeze control system for a spa, wherein the spa is surrounded by ambient air defining an ambient air temperature, said freeze control system comprising:

A. a spa tub containing tub water defining a tub water temperature,

B. spa piping for circulating water to and from said spa tub,

C. a heating element for producing heated water,

D. at least one air blower for blowing air into said spa tub,

- E. at least one water pump for pumping the heated water,
- F. a first sensor for detecting said tub water temperature,
- G. a second sensor for detecting said ambient air temperature, and
- H. a computer programmed to process signals generated by said first sensor and said second sensor, wherein said computer selectively activates and deactivates said heating element and said at least one water pump, so that the temperature of the water inside said spa tub and said spa piping is maintained above the freezing level.

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- 33. A freeze control system as in Claim 32, wherein said computer comprises computer components, wherein said second sensor is mounted so as to be relatively unaffected by heat generated by said computer components.
 - 34. A freeze control system as in Claim 32, wherein said computer comprises computer components, wherein said second sensor is mounted so as to be affected by heat generated by said computer components.
 - 35. A freeze control system as in Claim 34, wherein said computer programming comprises a correction factor to account for the heat generated by said computer components.
 - 36. A freeze control system as in Claim 32, wherein said computer is programmed to start and run said at least one water pump and said at least one blower for a predetermined period of time at intervals based on said ambient air temperature reported by said second sensor.
 - Sub 37. 37. A freeze control system as in Claim 35, wherein said predetermined period of time is approximately one minute.
 - 38. A freeze control system for a spa, wherein the spa is surrounded by ambient air defining an ambient air temperature, said freeze control system comprising: